

Gayle H Doherty

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

501
citations

759233

12
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin prevents hippocampal synaptic disruption and neuronal cell death induced by amyloid β . <i>Neurobiology of Aging</i> , 2013, 34, 226-237.	3.1	98
2	Leptin prevents hippocampal synaptic disruption and neuronal cell death induced by amyloid β . <i>Neurobiology of Aging</i> , 2013, 34, 226-237.	3.1	98
3	Neuroprotective actions of leptin on central and peripheral neurons in vitro. <i>Neuroscience</i> , 2008, 154, 1297-1307.	2.3	47
4	Ethics and acceptance of smart homes for older adults. <i>Informatics for Health and Social Care</i> , 2022, 47, 10-37.	2.6	39
5	Neurotoxic effects of homocysteine on cerebellar Purkinje neurons in vitro. <i>Neuroscience Letters</i> , 2007, 413, 52-57.	2.1	38
6	Neurotrophic effects of leptin on cerebellar Purkinje but not granule neurons in vitro. <i>Neuroscience Letters</i> , 2008, 438, 17-21.	2.1	30
7	Developmental switch in the effects of TNF α on ventral midbrain dopaminergic neurons. <i>Neuroscience Research</i> , 2007, 57, 296-305.	1.9	29
8	A Leptin Fragment Mirrors the Cognitive Enhancing and Neuroprotective Actions of Leptin. <i>Cerebral Cortex</i> , 2017, 27, 4769-4782.	2.9	29
9	Deep-brain photoreception links luminance detection to motor output in <i>Xenopus</i> frog tadpoles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6053-6058.	7.1	23
10	Long-term culture of SH-SY5Y neuroblastoma cells in the absence of neurotrophins: A novel model of neuronal ageing. <i>Journal of Neuroscience Methods</i> , 2021, 362, 109301.	2.5	16
11	Embryonic cerebellar granule cells are resistant to necrosis induced by homocysteine. <i>Developmental Brain Research</i> , 2005, 160, 85-89.	1.7	13
12	Effects of Tumour Necrosis Factor-alpha on Developing Cerebellar Granule and Purkinje Neurons In Vitro. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 44-52.	2.3	13
13	Neuroprotective actions of leptin facilitated through balancing mitochondrial morphology and improving mitochondrial function. <i>Journal of Neurochemistry</i> , 2020, 155, 191-206.	3.9	13
14	Effects of Nitric Oxide on the Survival and Neurogenesis of Cerebellar Purkinje Neurons. <i>Journal of Molecular Neuroscience</i> , 2012, 46, 336-342.	2.3	9
15	Developmental changes in the response of murine cerebellar granule cells to nitric oxide. <i>Neurochemistry International</i> , 2008, 52, 1394-1401.	3.8	8
16	Homocysteine and Parkinson's Disease: A Complex Relationship. <i>Journal of Neurological Disorders</i> , 2013, 01, .	0.1	4
17	Automated Remote Pulse Oximetry System (ARPOS). <i>Sensors</i> , 2022, 22, 4974.	3.8	4
18	Boom and Bust for Homocysteine?. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2008, 8, 107-120.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Optical analysis of homocysteine metabolites using vibrational spectroscopy. OSA Continuum, 2020, 3, 1958.	1.8	1